

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul Chancellor on Friday 6 November, 2009 and Friday 20 November, 2009.

The application has been amended as follows:

- a. In claim 1 at line 10, please delete "." and insert – ,
uncured resin disposed between the top and bottom films, wherein the uncured resin is configured to be cured after deployment of the hinge and by exposure to UV light,
a flex circuit extending from the left panel and around the bladder for electrically routing power from the left panel, wherein the left panel is a solar cell panel comprising a silver contact and a thin film solar cell, wherein the flex circuit comprises a conductor trace connected to the silver contact for routing power from the left panel and around the bladder. – after the word "inflated".
- b. Please cancel claim 2.
- c. In claim 4 at lines 2-5, please delete "uncured resin disposed between the top and bottom films, the uncured resin being cured by exposure to

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UV light, the uncured resin being a curable resin being cured after deployment of the hinge, and" after the word "comprising,"

d. In claim 7 at lines 2-3, please delete "a flex circuit extending from the left panel and around the bladder for electrically routing power from the left panel," after the word "comprising,".

e. In claim 8 at lines 2-3, please delete "a flex circuit extending from the left panel and around the bladder for electrically routing power from the left panel," after the word "comprising,"

f. Please cancel claim 9.

g. In claim 10 at lines 5-8, please delete "uncured resin disposed between the top and bottom films, the uncured resin being cured by exposure to the UV light, the uncured resin being a curable resin being cured after deployment of the hinge, and" after the word "comprising,"

h. In claim 11 at lines 5-8, please delete "uncured resin disposed between the top and bottom films, the uncured resin being cured by exposure to the UV light, the uncured resin being a curable resin being cured after deployment of the hinge, and" after the word "comprising,"

i. In claim 12, in lines 4-7, please delete "a flex circuit extending from the left panel and around the bladder and comprising a trace conductor for electrically routing power from the left panel having an electrical contact and around the bladder, and" after the word "comprising,"

j. In claim 13, in lines 10-11, please delete "the uncured resin being a curable resin being cured after deployment of the hinge" and insert – wherein the

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uncured resin is configured to be cured after deployment of the hinge and by exposure to UV light – after “,”.

k. In claim 13 at line 18, please delete “.” after the word “panels an” and insert – ,

a bladder filled with a sublimation powder for expanding the bladder, and
a flex circuit extending from the left panel and around the bladder for electrically routing power from the left panel, the left panel being a solar cell panel comprising a silver contact and a thin film solar cell, the flex circuit comprising a conductor trace connected to the silver contact for routing power from the left panel and around the bladder. –

l. In claim 14, in lines 3-4, please delete “a bladder filled with a sublimation powder for expanding the bladder, and”

m. Please cancel claim 16.

2. The following is an examiner’s statement of reasons for allowance:

The closest art is Simburger et al. (US 6284966) which discloses an inflatable hinge comprising an inflatable tube with sublimation powder for expanding the tube to position the left panel and the right panel. However, prior art does not disclose a flex circuit and a resin being cured after deployment of the hinge by exposure to UV light.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to THANH-TRUC TRINH whose telephone number is (571)272-6594. The examiner can normally be reached on 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Basia Ridley can be reached on 571-272-1453. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TT
11/19/2009

/Basia Ridley/
Supervisory Patent Examiner, Art Unit 1795